

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Confirmation No.: 4511

Nordine CHEIKH *et al.*

Art Unit: 1631

Application Serial No.: 09/300,482

Examiner: Marjorie A. Moran

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Title: Nucleic Acid Molecules and Other Molecules Associated With the Phosphogluconate Pathway

Response under 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed July 14, 2006.

Amendments to the Claims begin on page 2 of this paper; and

Remarks begin on page 7 of this paper.